

Applicant: Herbert T. Nagasawa et al.

U.S. Serial No.: 10/750,005

Filed: December 30, 2003

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**In the Claims:**

For the Examiner's convenience, Applicants present all claims with status indicator in compliance with the practice guidelines for making amendments under 37 C.F.R. §1.121(c)(1).

As discussed below, claims 5-6, 8, 11-19, 23-24, 27-32, 36-37, 40-45, 48-49 and 52-104 have been cancelled in a Preliminary Amendment filed on December 30, 2003, (attached herewith as Exhibit 1) which was concurrently filed with the subject application.

1. (ORIGINAL) A method for reducing oxidative stress in a cell of a subject comprising contacting the cell with a sulphydryl protected glutathione prodrug so as to reduce oxidative stress in a cell.
2. (ORIGINAL) The method of claim 1, wherein oxidative stress is caused by a toxic substance, a pathogen, ultraviolet light, physical injury and/or genetic disease.
3. (ORIGINAL) The method of claim 2, wherein the toxic substance is a drug, alcohol, metal ion, ultraviolet light or radiation.
4. (ORIGINAL) The method of claim 3, wherein the drug is acetominophen, aminoglycoside antibiotic or a chemotherapeutic drug.
5. CANCELLED
6. CANCELLED

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7. (ORIGINAL) The method of claim 1, wherein the sulphydryl protected glutathione prodrug is L-CySSG, GSSMA, GSSME, S-Ac-GSH-OEt, a derivative thereof or a pharmaceutically acceptable salt thereof.

8. CANCELLED

9. (ORIGINAL) A method for prolonging drug therapy by decreasing the toxicity of a drug by the method of claim 1.

10. (ORIGINAL) A method for increasing a therapeutic dosage of a drug by decreasing the toxicity of the drug by the method of claim 1.

11-19. CANCELLED

20. (ORIGINAL) A method for increasing glutathione levels in a cell comprising administering to a subject a sulphydryl protected glutathione prodrug so as to increase glutathione levels in a cell.

21. (ORIGINAL) The method of claim 20, wherein increasing glutathione levels reduces injury caused by an infection, cardiovascular disease, genetic disease, physical injury, ophthalmic disease, cancer, inflammation, neuropathy, acute respiratory distress syndrome (ARDS), exposure to a toxic substance, exposure to ultraviolet light, exposure to radiation and/or decreased levels of glutathione.

22. (ORIGINAL) The method of claim 20, wherein the sulphydryl protected glutathione prodrug is L-CySSG, GSSMA, GSSME, S-Ac-GSH-OEt, a derivative thereof or a pharmaceutically acceptable salt thereof.

23. CANCELLED

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24. CANCELLED
25. (ORIGINAL) A method for prolonging drug therapy by decreasing the toxicity of a drug by the method of claim 20.
26. (ORIGINAL) A method for increasing a therapeutic dosage of a drug by decreasing the toxicity of the drug by the method of claim 20.
- 27-32. CANCELLED
33. (ORIGINAL) A method for increasing L-cysteine levels in a cell comprising administering to a subject a sulphydryl protected glutathione prodrug so as to increase L-cysteine levels in a cell.
34. (ORIGINAL) The method of claim 33, wherein increasing L-cysteine levels reduces injury caused by an infection, cardiovascular disease, genetic disease, physical injury, ophthalmic disease, cancer, inflammation, neuropathy, exposure to a toxic substance, exposure to ultraviolet light, acute respiratory distress syndrome (ARDS), exposure to radiation and/or decreased levels of glutathione.
35. (ORIGINAL) The method of claim 33, wherein the sulphydryl protected glutathione prodrug is L-CySSG, GSSMA, GSSME, S-Ac-GSH-OEt, a derivative thereof or a pharmaceutically acceptable salt thereof.
36. CANCELLED
37. CANCELLED

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38. (ORIGINAL) A method for prolonging drug therapy by decreasing the toxicity of a drug by the method of claim 33.
39. (ORIGINAL) A method for increasing a therapeutic dosage of a drug by decreasing the toxicity of the drug by the method of claim 33.

40-45. CANCELLED

46. (ORIGINAL) A method for reducing hepatotoxicity comprising administering to a subject a sulphydryl protected glutathione prodrug so as to reduce hepatotoxicity.
47. (ORIGINAL) The method of claim 46, wherein the sulphydryl protected glutathione prodrug is L-CySSG, GSSMA, GSSME, S-Ac-GSH-OEt, a derivative thereof or a pharmaceutically acceptable salt thereof.

48. CANCELLED

49. CANCELLED

50. (ORIGINAL) A method for prolonging drug therapy by decreasing the toxicity of a drug by the method of claim 46.

51. (ORIGINAL) A method for increasing a therapeutic dosage of a drug by decreasing the toxicity of the drug by the method of claim 46.

52-104. CANCELLED